

What is claimed is:

1. An expansion valve integrated with a solenoid valve, comprising:

a valve body;

an inlet refrigerant flow path provided inside said valve body into which is introduced a high-pressure-side refrigerant;

a valve chamber formed inside said valve body into which said refrigerant flowing through said inlet refrigerant flow path enters;

a throttle flow path with a valve seat disposed inside said valve chamber;

a valve member for adjusting the opening of said throttle flow path;

a valve member actuating mechanism provided to said valve body for displacing said valve member;

an outlet refrigerant flow path formed inside said valve member, said outlet refrigerant flow path providing refrigerant being decompressed and expanded inside said throttle flow path to an evaporator; and

a solenoid valve assembled integrally to said valve body, including a valve member provided so as to open and close said outlet refrigerant flow path;

wherein said valve member actuating mechanism is provided with a housing, a diaphragm provided inside said housing, a stopper member, and a guide member for leading the high-pressure-side refrigerant to said stopper member.

2. The expansion valve integrated with a solenoid valve according to claim 1, wherein said guide member is a stepped pipe-shaped member provided with a large diameter portion for slidably supporting said stopper member, and a small diameter portion press-fitted into said valve body.